



PICO

GLADEN PICO 8|12DSP

- Class D power amplifier
- High level input with autosense power-on
- On-board DSP + 4 digitally processed line outputs
- Remote control with DSP-RCD or DSP-RC MINI (optional)

POWER SUPPLY

Power supply voltage	10 - 16V
DC-DC converter typology	Unregulated – Push Pull
On board fuse	1 x 20A
Autosense power-on (High Level only)	OFF - BTL
Overall efficiency	>80%
REM output	10 -16V (100mA)

OUTPUT

Stereo output power RMS @ 4Ω	60W x 8
	BTL not allowed
Analog line output	2Vrms x 4 (CH9-12)
Digital line output	1 x optical

SIGNAL INPUT

Low level input sensitivity	2Vrms
High level input sensitivity	10Vrms
Auto-fading between inputs	yes
Signal mix capability	yes

CONNECTIONS

Power supply	Mini-Fit
Low/High level input	Micro-Fit
Speaker output	Mini-Fit

DSP processed analog output	Mini-Fit
Digital output	Toslink
Digital input	Toslink
Remote control	DSP-RCD or DSP-RC MINI (optional)
PC Connection	USB
Bluetooth	MOS BT modules (optional)

DSP FEATURES

Gain level for each channel	-125 ÷ 18dB
Sample rate	96KHz / 24bit
Parametric equalizer bands (CH1-12)	30
Preset	4
HP frequency range for each channel	10 ÷ 20000Hz
LP frequency range for each channel	10 ÷ 20000Hz
HP & LP filter slope for each cell	6 ÷ 12dB
HP & LP filter slope if cascaded (CH1-12)	up to 60dB
Band pass	allowed
Variable "Q" factor	0.5 ÷ 40
Time delay	0 ÷ 15ms (steps of 0.01ms)
Phase inversion for each channel	0/180°

APPEARANCE

Dimensions	150x115x46mm
Weight	0.8Kg
Finishing	Black and silver brushed

NOTE: this amplifier is designed to play music on real speakers. It is not rated to drive static signals on pure resistive loads.

